

Math & Science 6th, 7th, 8th

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Grading

Class Work/Participation -- 20%

Homework ----- 10%

Quizzes ----- 25%

Tests ----- 45%

Math 6 Major Topics

- 1) Use Positive Rational Numbers
- 2) Integers and Rational Numbers
- 3) Numeric and Algebraic Expressions
- 4) Represent and Solve Equations and Inequalities
- 5) Understand and use Ratio and Rate
- 6) Understand and use Percent

Math 7 Major Topics

- 1) Integers and Rational Numbers
- 2) Analyze and Use Proportional Relationships
- 3) Analyze and Solve Percent Problems
- 4) Generate Equivalent Expressions
- 5) Solve Problems Using Equations and Inequalities

Math 8 Major Topics

- 1) Real Numbers
- 2) Analyze and Solve Linear Equations

- 3) Use Functions to Model Relationships
- 4) Analyze and Solve Systems of Linear Equations
- 5) Congruency and Similarity
- 6) Understand and Apply the Pythagorean Theorem

Science 6

- 1) Matter
- 2) Building Blocks of Matter
- 3) Forces of Motion
- 4) Machines
- 5) Changing Energy Forms
- 6) Thermal and Light Energy

Science 7, 8

Earth Science

- 1) Geology
- 2) Meteorology
- 3) Astronomy
- 4) Oceanography